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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Robert R. Hayes) Re: Information Disclosure
) Statement
Serial No.: 10/714,346) Group: 2828
)
Filed: November 14, 2003) Examiner: not yet assigned
)
For: "METHOD AND APPARATUS FOR) Our Ref: B-4480NP 621323-7
GENERATING TWO FREQUENCIES...") Date: June 3, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria VA, 22313-1450

Sir:

In accordance with the Applicant's duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified) before issuing the first Office Action on the merits. Copies of the foreign patent documents and the non-patent publications listed on the enclosed Form PTO-1449 (modified) are enclosed herewith for the Examiner's convenience. Copies of the U.S. patent documents listed on the enclosed Form PTO-1449 (modified) are not enclosed, pursuant to Deputy Commissioner Stephen G. Kunin's Pre OG Notice dated July 11, 2003.

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report for the corresponding PCT Application No. PCT/US03/38786. A copy of the Search Report (6 pages) is enclosed herewith.

The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

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The Applicant believes that this IDS is being submitted before the issuance of a first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance. Therefore, no official fees should be due; and this IDS should be considered on the merits. If this IDS is being submitted after the issuance of the first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance, please contact the undersigned to authorize a payment of \$180.00 (or any other required amount), which is the fee set forth in 37 C.F.R. § 1.97(c), if the Examiner believes that such a fee is due in order for this IDS to be considered on the merits.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

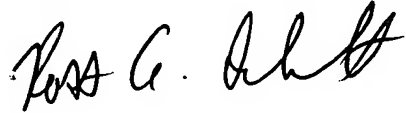
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The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450", on June 3, 2004 by Shana Morda.



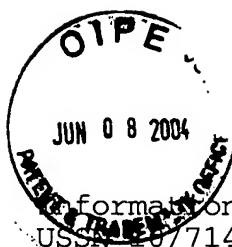
Respectfully submitted,



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Enclosures: Form PTO-1449 (modified) (1 page)
Copy of Search Report for PCT/US03/38786 (6 pages)
Copy of Non-U.S. Patent documents listed on Form PTO-1449 (modified)



Information on Disclosure Statement

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Form PTO-1449 (Modified)	ATTY DOCKET NO. B-4480NP 621323-7	U.S. SERIAL NO. 10/714,346
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANTS Robert R. Hayes	
	FILING DATE November 14, 2003	GROUP 2828

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB- CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
	6,359,916 B1	3/2002	Zhu	372	32	
	2002/0175767 A1	11/2002	Kitching et al.	331	3	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.